

Automated Commercial Environment | Development Schedule



	Increment 1 February 12 - May 7, 2013	Increment 2 May 8 - August 6, 2013	Increment 3 August 7 - November 5, 2013	Increment 4 November 6, 2013 - February 4, 2014	Increment 5 February 5 - May 6, 2014	Increment 6 May 7 - August 5, 2014	Increment 7 August 6 - November 4, 2014	Increment 8 November 5, 2014 - February 3, 2015	Increment 9 February 4 - May 5, 2015	Increment 10 May 6 - August 4, 2015	Increment 11 August 5 - November 3, 2015	Increment 12 November 4, 2015 - February 2, 2016
PRE-ARRIVAL Manifest			<ul style="list-style-type: none"> Vessel Management System (VMS) 	<ul style="list-style-type: none"> Air Manifest Processing <ul style="list-style-type: none"> Accept Data and Reply 	<ul style="list-style-type: none"> Air Manifest Processing 	<ul style="list-style-type: none"> Air Processing (Con't) 	<ul style="list-style-type: none"> Transition: <ul style="list-style-type: none"> Air System Cutover from AMS to ACE Transitional Data Synchronization for Air 	<ul style="list-style-type: none"> Air Manifest <ul style="list-style-type: none"> Integration with ACAS 	<ul style="list-style-type: none"> Transition: <ul style="list-style-type: none"> Truck Manifest Foundation to new ACE Architecture Ocean/Rail Manifest Foundation to new ACE Architecture Truck Manifest Secondary to new ACE Architecture 	<ul style="list-style-type: none"> Transition: <ul style="list-style-type: none"> Truck Manifest Primary to new ACE Architecture Ocean/Rail/Truck Holds Ocean/Rail Cargo Movement (In-Bond, PTT, etc.) Ocean/Rail Manifest GUI 	<ul style="list-style-type: none"> Transition: <ul style="list-style-type: none"> Conveyance Management for Vessel Truck Business Rules and Practices Stow Plan Viewer Transportation Bonds Truck Cargo Movement (In-Bond, PTT, etc.) Transportation Bonds Establish Multi-Modal Relationships Among Bills Transitional Data Synchronization Truck, Ocean, and Rail 	<ul style="list-style-type: none"> Transition: <ul style="list-style-type: none"> Ocean/Rail Business Rules and Practices ACE Manifest Ocean/Rail Cutover to new ACE Rail Consist
ARRIVAL Cargo Release	<ul style="list-style-type: none"> Air Processing <ul style="list-style-type: none"> Corrections & Cancellations 	<ul style="list-style-type: none"> Air Processing <ul style="list-style-type: none"> In-Bonds Partial Quantities Split Shipments (Hold All & Immediate Delivery) Upgrade GUI for CBP 	<ul style="list-style-type: none"> Single Accept/Reject message for responses Ocean/Rail Processing <ul style="list-style-type: none"> Corrections & Cancellations No In-Bonds No Partials Mail Entry Writing System (MEWS) Data Build-out Finish cancellation process from ACE Entry Summaries to ACE Cargo Release (CR) 	<ul style="list-style-type: none"> Air, Ocean & Rail Processing <ul style="list-style-type: none"> Certified from Entry Summary Partial Quantities Truck Processing Corrections & Cancellations No In-Bonds No Partials 	<ul style="list-style-type: none"> Single CR filing to include ISF data Diversion Process: National/Local Level Truck Manifest: <ul style="list-style-type: none"> In-Bonds 	<ul style="list-style-type: none"> GUI Capabilities Trade Ability to Query Entries via ABI Foundation Non-ABI Entries Cargo Release Queries Truck Manifest: <ul style="list-style-type: none"> Partial Quantities 	<ul style="list-style-type: none"> Redelivery Process for CBP/PGA Interactions Request Demand for Redelivery Automated Entry Types: <ul style="list-style-type: none"> 06, 08, 09, 21, 22, 23, 31, 34, 38, 51, 52 FTZ Admissions 	<ul style="list-style-type: none"> CBP-Initiated Corrections Automated Entry Types: <ul style="list-style-type: none"> 06, 08, 09, 21, 22, 23, 31, 34, 38, 51, 52 (con't) 02 (Quota) FTZ Admissions (con't) 	<ul style="list-style-type: none"> Automated Entry Types: <ul style="list-style-type: none"> 06, 08, 09, 21, 22, 23, 31, 34, 38, 51, 52 (con't) 02 (Quota) (con't) 		<ul style="list-style-type: none"> Manifest Interface w/ Findings 	
POST RELEASE Entry Summary & Accounts	<ul style="list-style-type: none"> System Validations: <ul style="list-style-type: none"> Harbor Maintenance Fee 	<ul style="list-style-type: none"> System Validations: <ul style="list-style-type: none"> Classification Single Accept or Reject message for system responses 	<ul style="list-style-type: none"> System Validations: <ul style="list-style-type: none"> Simple Duty Calculations 	<ul style="list-style-type: none"> System Validations: <ul style="list-style-type: none"> Complex Duty Calculations Merchandise Processing Fee (MPF) 	<ul style="list-style-type: none"> System Validations: <ul style="list-style-type: none"> Informal Entry Restrictions Charges Restrictions Taxes Other Fees Electronic Bond Processing (1) 	<ul style="list-style-type: none"> ACE ES Foundation and Framework Stabilization (PRs, CRs, IRs) Transition Automated Surety Interface (ASI) Electronic Bond Processing (2) Maintain Accounts 	<ul style="list-style-type: none"> Automated Entry Summary Types: <ul style="list-style-type: none"> 06, 08, 21, 22, 23, 31, 34, 38, 51, 52 Statements Transition: <ul style="list-style-type: none"> CBP Review Module Electronic Bond Processing (3) Exporter & Freight Forwarder Accounts Enhance CBP Validation Activity Module 	<ul style="list-style-type: none"> Create Lab Sample Records Remote Location Filing (RLF) Liquidation Quota Master Data Maintain Accounts (con't) Automated Entry Summary Types: (con't) <ul style="list-style-type: none"> 06, 08, 21, 22, 23, 31, 34, 38, 51, 52 	<ul style="list-style-type: none"> Automated Entry Summary Types: <ul style="list-style-type: none"> 02 (Quota) 09 (Reconciliation) Protest Quota Restriction Liquidation (Con't) 	<ul style="list-style-type: none"> Drawback Queries for Historical and Archived ACS data Antidumping / Countervailing Duty (AD/CVD) Case Management System Enhancements 	<ul style="list-style-type: none"> Drawback (con't) Enhancements to CBP Mass Updates Process Entry Summary Types: <ul style="list-style-type: none"> Monthly Entry Summary Non-ABI Entry 	<ul style="list-style-type: none"> System Validations: <ul style="list-style-type: none"> Tariff Usage Restrictions Licenses, permits, certificates
EXPORTS	<ul style="list-style-type: none"> AES commodity re-engineering including Census & BIS reg changes 	<ul style="list-style-type: none"> AES commodity re-engineering including Census & BIS reg changes 	<ul style="list-style-type: none"> AES commodity re-engineering Manifest Foundation AES New Features 		<ul style="list-style-type: none"> Air Manifest Processing Transition AES Commodity Capabilities to new ACE Architecture 	<ul style="list-style-type: none"> Air/Rail Manifest Processing <ul style="list-style-type: none"> Hold Processing Finding Development Processing Air GUI Updates AES Ocean Manifest Transition to ACE Platform 	<ul style="list-style-type: none"> Ocean Manifest Processing <ul style="list-style-type: none"> Hold Processing Finding Development Processing 		<ul style="list-style-type: none"> Truck Manifest Processing <ul style="list-style-type: none"> Hold Processing Finding Development Processing 			
PGA INTEGRATION	<ul style="list-style-type: none"> APHIS CDC DCMA EPA FSIS NMFS 							<ul style="list-style-type: none"> CPSC FWS 	<ul style="list-style-type: none"> TSA 	<ul style="list-style-type: none"> ATF IRS 		
Document Image System (DIS)	<ul style="list-style-type: none"> AMS FSIS CPSC USCG 				<ul style="list-style-type: none"> AMS NMFS TTB 	<ul style="list-style-type: none"> NHTSA FCC 	<ul style="list-style-type: none"> FDA 	<ul style="list-style-type: none"> FDA 	<ul style="list-style-type: none"> FWS 	<ul style="list-style-type: none"> EIA E&C, OTEXA 	<ul style="list-style-type: none"> BLS IRS 	<ul style="list-style-type: none"> FMC USTR
Interoperability Web Services (IWS)	<ul style="list-style-type: none"> EPA (Ozone Depleting Substances) 	<ul style="list-style-type: none"> EPA (Vehicles & Engines) FSIS (Application for Inspection) 		<ul style="list-style-type: none"> NMFS 		<ul style="list-style-type: none"> APHIS Lacey Act CDC (Human Blood) FCC FDA (Start) NHTSA EPA (Pesticides) EPA (Vehicles & Engines) 	<ul style="list-style-type: none"> FDA 	<ul style="list-style-type: none"> AMS FDA FWS 	<ul style="list-style-type: none"> APHIS (EAN) FAS TTB 	<ul style="list-style-type: none"> E&C (Steel Licensing) USACE 		
PGA Message Set		<ul style="list-style-type: none"> APHIS (Streamlined Findings Input) 	<ul style="list-style-type: none"> Data: Census, NRC APHIS (Streamlined Findings Input) 	<ul style="list-style-type: none"> BIS (Export Licensing Forms) DDTC (Export Content) 		<ul style="list-style-type: none"> Portal Access: <ul style="list-style-type: none"> FTZB EPA (Exports, Hazmat) AMS (Exports, Apples & Grapes) 	<ul style="list-style-type: none"> Data: MARAD, FAA, FHWA AMS APHIS (309) ATF DEA (Exports, Precursor and Controlled Chemical Shipments) NMFS (Export Licensing Forms) OFAC (Export Licensing Forms) 	<ul style="list-style-type: none"> Portal Access: E&C (AD/CVD) APHIS (EAN) DSCA (Export, Foreign Military Sales) 	<ul style="list-style-type: none"> BTS FWS (Export Licensing Forms) PHMSA 	<ul style="list-style-type: none"> BIS (Export Decrementation) DDTC (Export Content) 		<ul style="list-style-type: none"> Data: A/LM, OFM, OES
Other Data Exchange Types												
TECHNICAL SERVICES	ABI Profiles Critical fixes Document Image System Reports * Logging and audit services Miscellaneous technical services Security services											

Continue with non-core development.

Schedule subject to change.

Certification environment for testing planned 8 weeks ahead of deployment.



Automated Commercial Environment | Deployment Schedule

	Deployment A November 2, 2013 Increments 1 and 2	Deployment B January 4, 2014 Increment 3	Deployment C April 5, 2014 Increment 4	Deployment D July 2014	Deployment E October 2014 Increments 5, 6 & 7	Deployment F January 2015	Deployment G July 2015 Increments 8 and 9	Deployment H January 2, 2016 Increments 10 and 11	Deployment I July 2, 2016 Increments 12
PRE-ARRIVAL Manifest		• Vessel Management System (VMS)				• Air Manifest Processing		• Ocean, Rail Manifest Processing › In-Bonds • Truck Manifest Processing › In-Bonds › Holds • Establish Multi-Modal Relationships Among Bills	
ARRIVAL Cargo Release	• Air Processing › Corrections & Cancellations › In-Bonds › Partial Quantities › Split Shipments (Hold All & Immediate Delivery) • Upgraded GUI for CBP Personnel	• Ocean/Rail Processing › Corrections & Cancellations › No In-Bonds › No Partials • Single Accept/Reject message for system response • Mail Entry Writing System (MEWS)	• Air Processing › Certified from Entry Summary • Ocean/Rail Processing › In-Bonds › Partials › Certified from Entry Summary • Truck Processing › Corrections & Cancellations › No In-Bonds › No Partials	• Single CR filing to include ISF data	• Diversions	• Truck Processing › In-Bonds › Partial Quantities › Certified from Entry Summary › Trade Ability to Query Entries via ABI • Redelivery Process for CBP/PGA Interactions • Ability to request demand for delivery • GUI Capabilities • Non-ABI Entries			
POST RELEASE Entry Summary & Accounts	• System Validations: › Harbor Maintenance Fee › Classification › Single Accept or Reject message for system responses	• System Validations: › Simple Duty Calculations	• System Validations: › Complex Duty Calculations › Merchandise Processing Fee (MPF)	• System Validations: › Informal Entry Restrictions › Charges Restrictions › Taxes › Other Fees	• ACE ES Foundation and Framework Stabilization (PRs, CRs, IRs)	• Statements • Electronic Bond Processing: › Single Transaction Bonds (STB) › Continuous Bonds • Transition Automated Surety Interface (ASI) • Enhance CBP Validation Activity Module • Exporter & Freight Forwarder Accounts • Process Entry Summary Types: › 06, 08, 21, 22, 23, 31, 34, 38, 51, 52	• Create Lab Sample Records • Protest • Liquidation • Remote Location Filing (RLF) • Process Entry Summary Types: › 06, 08, 21, 22, 23, 31, 34, 38, 51, 52 › 02 (Quota) › 09 (Reconciliation)	• Drawback • Process Entry Summary Types: › Monthly Entry Summary › Non-ABI Entry • Enhancements to CBP Mass Updates • Antidumping / Countervailing Duty (AD/CVD) Case Management System Enhancements	• System Validations: › Tariff Usage Restrictions › Licenses, permits, certificates
EXPORTS			• Commodity Processing › Support for Census and BIS Regulatory Filings		• Air Manifest Processing › Hold Processing › Finding Development Processing	• Ocean/Rail Manifest Processing	• Truck Manifest Processing		
PGA INTEGRATION	• APHIS • CDC • DCMA • EPA • FSIS • NMFS						• CPSC • FWS • TSA	• ATF • IRS	
Document Image System (DIS)	• AMS • FSIS • CPSC • USCG			• AMS • NMFS • TTB	• NHTSA • FCC	• FDA	• FDA • FWS	• BLS • EIA • E&C, OTEXA • IRS	• FMC • USTR
Interoperability Web Services (IWS)	• EPA (Ozone Depleting Substances) • EPA (Vehicles & Engines) • FSIS (Application for Inspection)		• NMFS		• APHIS Lacey Act • CDC (Human Blood) • FCC • FDA (Start) • NHTSA • EPA (Pesticides) • EPA (Vehicles & Engines)	• FDA	• AMS • APHIS (EAN) • FAS • FDA • FWS • TTB	• E&C (Steel Licensing) • USACE	
PGA Message Set		• Data: Census, NRC • APHIS (Streamlined Findings Input)	• BIS (Export Licensing Forms) • DDTC (Export Content)		• Portal Access: › FTZB • EPA (Exports, Hazmat) • AMS (Exports, Apples & Grapes)	• Data: MARAD, FAA, FHWA • AMS • APHIS (309) • ATF • DEA (Exports, Precursor and Controlled Chemical Shipments) • NMFS (Export Licensing Forms) • OFAC (Export Licensing Forms)	• Portal Access: (AD/CVD) • APHIS (EAN) • BTS • FWS (Export Licensing Forms) • PHMSA • DSCA (Export, Foreign Military Sales)	• BIS (Export Decrementation) • DDTC (Export Content)	• Data: A/LM, OFM, OES
Other Data Exchange									
TECHNICAL SERVICES	ABI Profiles Critical fixes Document Image System Reports * Logging and audit services Miscellaneous technical services Security services								

May 1, 2015: Mandated use of ACE for all electronic manifest filings.

November 1, 2015: Mandated use of electronic Cargo Release and associated Entry Summary.

October 1, 2016: Mandated use of ACE for all remaining electronic portions of the CBP cargo process.